

Abstract Submitted
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Is Biology based on Physics? SHANTILAL GORADIA, Gravity Research Institute — The equation on Boltzmann's tomb is $S = K \log W$, giving $137 = 10E60$ where $10E60$ closely stands for the age of the universe in Plank times. We wish we could add " $137 = 10E60$ " on his tomb as a contribution leading physics towards information in biology as explained in our book "Quantum Consciousness - the Road to Reality." (1) We draft our speculation that such a step may explain the underlying physical cause for mutations. Tiny immeasurable and slow changes well beyond the tenth digit of fine structure constant may suffice to change the information system in constituent particles of nucleotides with their external effects forcing changes in the genetic code with successful changes resulting into mutations. (2) Our quantum mechanical published derivation of the strong coupling implies gravity as a cumulative effect of quantum mechanical particles further implying that the universal constant of gravity (G) can not be constant everywhere. (1) and (2) put together should remove Darwin's confusion about the constancy of gravity. Moving planets and Sunstorms should also cause changes in G on earth unnoticeable to mankind, but large enough to have an impact on the internal particles of nucleotides which should implicitly have an external effect on the genetic code per our theory.

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